Peipei Sun

List of Publications by Year
in descending order

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Version: 2024-02-01

64	2,291	186265	223800
papers	citations	28 h-index	46 g-index

66	66	66	2205
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Syntheses of Sulfides and Selenides through Direct Oxidative Functionalization of C(sp³)â€“H Bond. Organic Letters, 2014, 16, 3032-3035.	4.6	111
2	A facile preparation of palladium nanoparticles supported on magnetite/s-graphene and their catalytic application in Suzukiâ€“Miyaura reaction. Catalysis Science and Technology, 2012, 2, 2332.	4.1	99
3	Photoredox Catalysis: Construction of Polyheterocycles via Alkoxycarbonylation/Addition/Cyclization Sequence. Organic Letters, 2017, 19, 3580-3583.	4.6	92
4	Regioselective Fluorination of Imidazo[1,2-a]pyridines with Selectfluor in Aqueous Condition. Journal of Organic Chemistry, 2015, 80, 11559-11565.	3.2	91
5	Palladium-Catalyzed Direct Ortho-Nitration of Azoarenes Using NO₂ as Nitro Source. Organic Letters, 2014, 16, 4540-4542.	4.6	81
6	Synthesis of 1,2-Diketones via a Metal-Free, Visible-Light-Induced Aerobic Photooxidation of Alkynes. Journal of Organic Chemistry, 2016, 81, 7256-7261.	3.2	77
7	Transition metal-free decarboxylative alkylation reactions. Organic and Biomolecular Chemistry, 2016, 14, 10763-10777.	2.8	74
8	A facile synthesis of PdCo bimetallic hollow nanospheres and their application to Sonogashira reaction in aqueous media. New Journal of Chemistry, 2006, 30, 832.	2.8	71
9	Visible-Light-Induced Regioselective Cyanomethylation of Imidazopyridines and Its Application in Drug Synthesis. Journal of Organic Chemistry, 2017, 82, 5391-5397.	3.2	71
10	Iron-Catalyzed Regioselective Alkoxycarbonylation of Imidazoheterocycles with Carbazates. Journal of Organic Chemistry, 2016, 81, 2482-2487.	3.2	67
11	Cyanomethylation and Cyclization of Aryl Alkynoates with Acetonitrile under Transition-Metal-Free Conditions: Synthesis of 3-Cyanomethylated Coumarins. Journal of Organic Chemistry, 2016, 81, 11489-11495.	3.2	63
12	Organic photoredox catalyzed Câ€“H silylation of quinoxalinones or electron-deficient heteroarenes under ambient air conditions. Green Chemistry, 2021, 23, 314-319.	9.0	62
13	Radical Addition Cascade Cyclization of 1,6-Enynes with DMSO To Access Methylsulfonylated and Carbonylated Benzofurans under Transition-Metal-Free Conditions. Journal of Organic Chemistry, 2018, 83, 9344-9352.	3.2	60
14	Rhodium(III)-Catalyzed Direct Cyanation of Aromatic Câ€“H Bond to Form 2-(Alkylamino)benzonitriles Using N-Nitroso As Directing Group. Journal of Organic Chemistry, 2015, 80, 12588-12593.	3.2	57
15	Peroxide promoted tunable decarboxylative alkylation of cinnamic acids to form alkenes or ketones under metal-free conditions. Chemical Communications, 2015, 51, 7546-7549.	4.1	56
16	Synthesis of symmetrical methylene-bridged imidazoheterocycles using DMSO as methylene source under metal-free conditions. Organic and Biomolecular Chemistry, 2016, 14, 6523-6530.	2.8	55
17	Visible light-promoted synthesis of 4-(sulfonylmethyl)isoquinoline-1,3(2H,4H)-diones via a tandem radical cyclization and sulfonylation reaction. Organic and Biomolecular Chemistry, 2016, 14, 9416-9422.	2.8	52
18	Palladium catalyzed direct ortho Câ€“H acylation of 2-arylpyridines using toluene derivatives as acylation reagents. RSC Advances, 2013, 3, 1679-1682.	3.6	51

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19	Radical Addition/Insertion/Cyclization Cascade Reaction To Assemble Phenanthridines from N-Arylacrylamide Using Cyano as a Bridge under Photoredox Catalysis. Journal of Organic Chemistry, 2017, 82, 8148-8156.	3.2	51
20	Electrochemical Difunctionalization of Alkenes by a Fourâ€Component Reaction Cascade Mumm Rearrangement: Rapid Access to Functionalized Imides. Angewandte Chemie - International Edition, 2020, 59, 3465-3469.	13.8	51
21	Synthesis of trifluoroalkyl or difluoroalkyl phenanthridine derivatives via cascade reaction using an intramolecular cyano group as a radical acceptor under photoredox catalysis. Organic and Biomolecular Chemistry, 2018, 16, 414-423.	2.8	50
22	Gallium Triiodide Catalyzed Organic Reaction: A Convenient Synthesis of Î±â€Amino Phosphonates. Synthetic Communications, 2004, 34, 4293-4299.	2.1	47
23	The convenient synthesis of benzimidazole derivatives catalyzed by I₂ in aqueous media. Journal of Heterocyclic Chemistry, 2006, 43, 773-775.	2.6	47
24	Visible-Light-Mediated Decarboxylative Alkylation Cascade Cyano Insertion/Cyclization of N-Arylacrylamides under Transition-Metal-Free Conditions. Journal of Organic Chemistry, 2018, 83, 1654-1660.	3.2	45
25	Highly regioselective para-methylthiolation/bridging methylenation of arylamines promoted by NH₄I. Organic and Biomolecular Chemistry, 2015, 13, 9742-9745.	2.8	38
26	Selective C-5 Oxidative Radical Silylation of Imidazopyridines Promoted by Lewis Acid. Organic Letters, 2020, 22, 6304-6307.	4.6	35
27	Visible Light-Induced Radical Addition/Annulation to Construct Phenylsulfonyl-Functionalized Dihydrobenzofurans Involving an Intramolecular 1,5-Hydrogen Atom Transfer Process. Organic Letters, 2020, 22, 8774-8779.	4.6	33
28	TBHP/KI-Promoted Annulation of Anilines, Ethers, and Elemental Sulfur: Access to 2-Aryl-, 2-Heteroaryl-, or 2-Alkyl-Substituted Benzothiazoles. Journal of Organic Chemistry, 2019, 84, 12596-12605.	3.2	31
29	Synthesis of 6-Fluoroalkyl 6H-Benzo[c]chromenes via Visible-Light-Promoted Radical Addition/Cyclization of Biaryl Vinyl Ethers. Journal of Organic Chemistry, 2018, 83, 6151-6161.	3.2	30
30	Electrochemical Oxidative Crossâ€Coupling Reaction to Access Unsymmetrical Thiosulfonates and Selenosulfonates. Advanced Synthesis and Catalysis, 2019, 361, 2014-2019.	4.3	30
31	Addition of nitrogen dioxide to carbonâ€“carbon double bond followed by a cyclization to construct nitromethylated isoquinolinediones. Organic and Biomolecular Chemistry, 2017, 15, 1821-1827.	2.8	29
32	Photoredox-catalyzed cascade addition/cyclization of N-propargyl aromatic amines: access to 3-difluoroacetylated or 3-fluoroacetylated quinolines. Organic Chemistry Frontiers, 2018, 5, 19-23.	4.5	28
33	Construction of a 4H-pyrido[4,3,2-gh]phenanthridin-5(6H)-one skeleton via a catalyst-free radical cascade addition/cyclization using azo compounds as radical sources. Organic Chemistry Frontiers, 2018, 5, 793-796.	4.5	28
34	Silyl radical initiated radical cascade addition/cyclization: synthesis of silyl functionalized 4H-pyrido[4,3,2-gh]phenanthridin-5(6H)-ones. Organic and Biomolecular Chemistry, 2018, 16, 9223-9229.	2.8	25
35	Visible light-induced C3-sulfonamidation of imidazopyridines with sulfamides. Organic and Biomolecular Chemistry, 2017, 15, 8102-8109.	2.8	24
36	Electrochemical Oxidative Regioselective Câ€“H Cyanation of Imidazo[1,2-a]pyridines. Journal of Organic Chemistry, 2021, 86, 15897-15905.	3.2	24

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37	Mild and Regioselective Threeâ€component Heteroarylationâ€Nitration of Alkenes with Imidazo[1,2â€a]pyridines and tertâ€Butyl Nitrite. Advanced Synthesis and Catalysis, 2020, 362, 2173-2177.	4.3	22
38	Annulation of 1-(2-Aminoaryl)pyrroles, Ethers with Elemental Sulfur To Give 1,3,6-Benzothiadiazepine Derivatives through Double Câ€“S Bond Formation and Câ€“O Cleavage of Ethers. Journal of Organic Chemistry, 2019, 84, 2191-2199.	3.2	21
39	Electrochemical Oxidative Câ€“H Thiocyanation or Selenocyanation of Imidazopyridines and Arenes. Synlett, 2021, 32, 267-272.	1.8	21
40	orthoâ€Olefination of Arylaldehyde Oâ€Methyloximes through Palladiumâ€Catalyzed Câ€“H Activation. European Journal of Organic Chemistry, 2012, 2012, 3069-3073.	2.4	19
41	Visible-light-mediated C3-azolylation of imidazo[1,2-a]pyridines with 2-bromoazoles. Organic and Biomolecular Chemistry, 2017, 15, 5318-5324.	2.8	19
42	Photoredox-Catalyzed Radical Cascade Reaction To Synthesize Fluorinated Pyrrolo[1,2-d]benzodiazepine Derivatives. Journal of Organic Chemistry, 2019, 84, 9322-9329.	3.2	19
43	Gallium Triiodideâ€“Catalyzed Organic Reaction: A Convenient Procedure for the Synthesis of Coumarins. Synthetic Communications, 2005, 35, 1875-1880.	2.1	18
44	A new strategy to construct metalâ€“organic frameworks with ultrahigh chemical stability. CrystEngComm, 2014, 16, 8656-8659.	2.6	18
45	Visible-Light-Induced Câ€“H Bond Aminoalkylation of Heterocycles by the Decarboxylation Coupling of Amino Acids. Organic Letters, 2021, 23, 5906-5910.	4.6	18
46	BPO-promoted direct oxidative Câ€“H functionalization of unactivated alkanes into 6-alkyl-6H-benzo[c]chromenes under transition-metal-free conditions. Organic and Biomolecular Chemistry, 2019, 17, 7715-7722.	2.8	15
47	Syntheses of amides via iodine-catalyzed multiple sp3 C-H bonds oxidation of methylarenes and sequential coupling with N,N-dialkylformamides. Science China Chemistry, 2014, 57, 1176-1182.	8.2	14
48	An Approach to Quinoline-Fused Imidazopyridines via CDC of Ethers with Imidazopyridines under Metal-Free Conditions. Journal of Organic Chemistry, 2019, 84, 16346-16354.	3.2	14
49	Synthesis of Oxygen- or Nitrogen-Containing Heterocyclic Compounds via Radical Addition Cascade Cyclization. Chinese Journal of Organic Chemistry, 2021, 41, 185.	1.3	13
50	Visible-light-induced dehydrogenative sulfonylation of tertiary amines under transition-metal- and photocatalyst-free conditions. Green Chemistry, 2022, 24, 1995-1999.	9.0	13
51	Electrochemical Oxidative Câ€“H Cyanation of Quinoxalinâ€2(1 H)â€ones with TMSCN. European Journal of Organic Chemistry, 2021, 2021, 2193-2197.	2.4	12
52	Electrochemical Oxidative Difunctionalization of Alkenes to Access Î±-Oxygenated Ketones. Journal of Organic Chemistry, 2021, 86, 13711-13719.	3.2	12
53	Decarbonylative C3â€Alkylation of Quinoxalinâ€2(1H)â€Ones with Aliphatic Aldehydes via Photocatalysis. Advanced Synthesis and Catalysis, 2022, 364, 2660-2665.	4.3	12
54	Electrochemical Difunctionalization of Alkenes by a Fourâ€Component Reaction Cascade Mumm Rearrangement: Rapid Access to Functionalized Imides. Angewandte Chemie, 2020, 132, 3493-3497.	2.0	11

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55	Phenanthrenequinone (PQ) catalyzed cross-dehydrogenative coupling of alkanes with quinoxalin-2(1H)-ones and simple N-heteroarenes under visible light irradiation. Organic and Biomolecular Chemistry, 2022, 20, 2467-2472.	2.8	11
56	Oneâ€Pot Synthesis of C3â€Alkylated Imidazopyridines from Î±â€Bromocarbonyls under Photoredox Conditions. European Journal of Organic Chemistry, 2021, 2021, 4541-4545.	2.4	10
57	Electrochemical Decarboxylative Cyclization of Î±â€Aminoâ€Oxy Acids to Access Phenanthridine Derivatives. Chemistry - an Asian Journal, 2022, 17, .	3.3	10
58	Iron-mediated deuterium addition cascade cyano insertion/cyclization of N-arylacrylamides to access deuterium-labelled phenanthridines. Organic and Biomolecular Chemistry, 2020, 18, 6126-6133.	2.8	9
59	Optical properties of a series of monosilyleneâ€“oligothienylene copolymers and the application to light-emitting diodes. Journal of Materials Chemistry, 2011, 21, 1902-1906.	6.7	6
60	Small-sized Ag nanocrystals: high yield synthesis in a solidâ€“liquid phase system, growth mechanism and their successful application in the Sonogashira reaction. RSC Advances, 2012, 2, 6061.	3.6	6
61	Inâ€situ Apparent Mobility of Charge Carriers in Polyaniline Films Measured with a New Fourâ€band Electrode. Chinese Journal of Chemistry, 2010, 28, 916-920.	4.9	3
62	Microwaveâ€Accelerated Crossâ€Dehydrogenative Coupling of Quinoxalinâ€2(1H)â€ones with Alkanes under Transitionâ€Metalâ€Free Conditions. ChemistrySelect, 2022, 7, .	1.5	3
63	HOAc catalyzed three-component reaction for the synthesis of 3,3â€²-(arylmethylene)bis(1H-indoles). Organic and Biomolecular Chemistry, 2022, , .	2.8	2
64	Electrochemical Oxidative Câ€“H Thiocyanation or Selenocyanation of Imidazopyridines and Arenes. Synlett, 0, 32, .	1.8	0